



# NATIONAL MINING ASSOCIATION

## WEEKLY STATISTICAL SUMMARY

**February 3, 2023 Edition**  
(Data for Week Ending January 28, 2023)

Prepared by  
**National Mining Association**

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# NMA WEEKLY STATISTICAL SUMMARY

Vol. 61, No. 4 | Dated 02/03/23

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/28/23	01/22/22	% Chg	01/28/23	01/28/22	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	12,025	11,725	2.6%	47,554	45,139	5.4%
52 Weeks Ended	610,025	576,221	5.9%			
<i>Note: the year 2022 has an extra Saturday</i>						
AAR Coal Rail Cars Loaded:	68,374	66,313	3.1%	270,383	255,348	5.9%
Coal Production	Dec 22/21		% Chg	Jan - Dec 22/21		% Chg
Month Ended - December	46,326	48,576	-4.6%	597,176	577,431	3.4%

## U.S. Department of Commerce Coal Trade (000 Tons)

	Nov 22/21		% Chg	Jan - Nov 22/21		% Chg
Coal Exports:						
Metallurgical	4,163	3,577	16.4%	43,076	41,381	4.1%
Steam Bit. *	3,336	3,410	-2.2%	34,614	36,125	-4.2%
Lignite	11	6	83.3%	76	71	7.0%
Anthracite	47	6	683.3%	433	281	54.1%
Total	7,557	6,999	8.0%	78,199	77,858	0.4%
Coal Imports:	690	436	58.3%	6,021	4,701	28.1%

	Week Ended			Cumulative Week 1 to		
	01/28/23	01/29/22	% Chg	01/28/23	01/29/22	% Chg
EI Electric Total Output (Mil. Kwh)	79,377	85,093	-6.7%	306,815	333,448	-8.0%
EI Coal Region Output (Mil. Kwh)	68,647	74,034	-7.3%	263,868	289,352	-8.8%
AISI Raw Steel Output (000 Tons)	1,635	1,735	-5.8%	6,452	6,941	-7.0%

## EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	01/27/23	01/20/23	% Chg	Wed.	1/25/23
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$142.25	\$142.25	0.0%	Henry Hub	3.08
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	117.75	117.75	0.0%	New York	3.08
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	140.00	140.00	0.0%	Chicago	2.97
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	15.45	15.45	0.0%	Cal.Comp.Avg.	15.85
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	37.70	37.70	0.0%		

Coal exports and Imports are "as reported" (not revised); \*Steam excludes lignite & anthracite. All data in this report are preliminary and subject to revision. r/ revised.  
Sources: EIA; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce; S&P Global; NGI's Daily Gas Price Index

## EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	1/28/2023 (week 4)	1/21/2023 (week 3)	1/22/2022 (week 4)	1/28/2023	1/28/2022	% Change	1/28/2023	1/22/2022	% Change
Alabama	200	198	203	788	783	0.6	10,102	9,249	9.2
Alaska	18	20	21	75	83	-9.0	977	1,027	-4.9
Colorado	291	280	221	1,115	850	31.2	13,964	11,908	17.3
Illinois	740	750	732	2,990	2,820	6.0	38,283	36,147	5.9
Indiana	490	476	415	1,904	1,599	19.1	23,273	19,449	19.7
<b>Kentucky total</b>	<b>601</b>	<b>600</b>	<b>559</b>	<b>2,370</b>	<b>2,152</b>	<b>10.1</b>	<b>29,194</b>	<b>26,414</b>	<b>10.5</b>
Eastern (KY)	270	264	222	1,052	855	23.0	12,462	10,217	22.0
Western (KY)	330	336	337	1,318	1,297	1.6	16,732	16,197	3.3
Louisiana	6	6	5	22	18	21.1	310	300	3.3
Maryland	28	27	25	107	95	13.2	1,381	1,246	10.8
Mississippi	68	64	58	260	224	16.1	3,480	3,165	10.0
Missouri	2	1	1	6	5	13.6	61	44	38.6
Montana	583	583	552	2,296	2,124	8.1	29,850	28,530	4.6
New Mexico	256	258	219	1,009	843	19.7	11,648	9,311	25.1
North Dakota	541	534	564	2,110	2,169	-2.8	27,604	26,388	4.6
Ohio	52	54	56	209	217	-3.6	2,666	2,734	-2.5
Oklahoma	s	s	s	s	s	-15.6	2	1	100.0
<b>Pennsylvania total</b>	<b>755</b>	<b>762</b>	<b>809</b>	<b>2,997</b>	<b>3,114</b>	<b>-3.8</b>	<b>39,264</b>	<b>41,798</b>	<b>-6.1</b>
Anthracite (PA)	57	57	50	225	192	17.7	2,602	2,127	22.3
Bituminous (PA)	698	705	759	2,772	2,923	-5.2	36,663	39,671	-7.6
Tennessee	s	s	.	s	.	100.0	1	.	.
Texas	341	346	322	1,350	1,241	8.8	17,617	17,250	2.1
Utah	208	224	255	861	983	-12.4	11,559	12,365	-6.5
Virginia	207	210	208	823	801	2.7	10,997	10,837	1.5
<b>West Virginia total</b>	<b>1,710</b>	<b>1,723</b>	<b>1,638</b>	<b>6,796</b>	<b>6,306</b>	<b>7.8</b>	<b>85,325</b>	<b>78,312</b>	<b>9.0</b>
Northern (WV)	968	975	922	3,836	3,548	8.1	48,101	44,253	8.7
Southern (WV)	742	748	716	2,960	2,758	7.3	37,225	34,059	9.3
Wyoming	4,929	4,962	4,860	19,465	18,710	4.0	252,468	239,748	5.3
<b>Appalachian total</b>	<b>3,222</b>	<b>3,238</b>	<b>3,162</b>	<b>12,773</b>	<b>12,172</b>	<b>4.9</b>	<b>162,199</b>	<b>154,394</b>	<b>5.1</b>
<b>Interior total</b>	<b>1,977</b>	<b>1,980</b>	<b>1,871</b>	<b>7,850</b>	<b>7,205</b>	<b>9.0</b>	<b>99,756</b>	<b>92,551</b>	<b>7.8</b>
<b>Western total</b>	<b>6,827</b>	<b>6,861</b>	<b>6,692</b>	<b>26,931</b>	<b>25,762</b>	<b>4.5</b>	<b>348,070</b>	<b>329,276</b>	<b>5.7</b>
<b>East of Mississippi River</b>	<b>4,850</b>	<b>4,864</b>	<b>4,705</b>	<b>19,245</b>	<b>18,112</b>	<b>6.3</b>	<b>243,967</b>	<b>229,352</b>	<b>6.4</b>
<b>West of Mississippi River</b>	<b>7,175</b>	<b>7,214</b>	<b>7,021</b>	<b>28,309</b>	<b>27,027</b>	<b>4.7</b>	<b>366,058</b>	<b>346,869</b>	<b>5.5</b>
Bituminous and lignite	11,968	12,021	11,675	47,329	44,947	5.3	607,424	574,094	5.8
Anthracite	57	57	50	225	192	17.7	2,602	2,127	22.3
<b>U.S. total</b>	<b>12,025</b>	<b>12,078</b>	<b>11,725</b>	<b>47,554</b>	<b>45,139</b>	<b>5.4</b>	<b>610,025</b>	<b>576,221</b>	<b>5.9</b>
Railroad cars loaded	68,374	68,675	66,313	270,383	255,348	5.9	3,499,494	3,334,959	4.9

Source: Energy Information Administration

EEI

**Weekly Electric Output**

**Volume 91 No. 4**

**OUTPUT FOR WEEK ENDED - Jan 28, 2023**

**Feb 01, 2023**

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Jan 28, 2023** was **79,377** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **183** on the weekly electric output index.

**WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION**  
(48 CONTIGUOUS STATES)

	Week Ended January 28		52 Weeks Ended January 28	
	GWh Output	% Increase Over Corresponding Week of 2022	GWh Output	% Increase Over Corresponding Period of 2022
New England	2,320	-9.7	114,806	-1.4
Mid-Atlantic	8,149	-11.6	415,111	-1.3
Central Industrial	13,149	-9.6	652,007	-0.3
West Central	6,691	-5.2	340,203	0.8
Southeast	19,400	-13.3	1,025,856	0.8
South Central	15,183	1.3	837,333	7.0
Rocky Mountain	6,075	3.9	296,161	0.9
Pacific Northwest	3,552	-4.3	160,654	0.5
Pacific Southwest	4,858	1.7	274,137	1.9
Total United States	79,377	-6.7	4,116,268	1.6

**WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh**

Week Ended	2023	Week Ended	2022	% Inc. (23/22)	52 Weeks Ended	2023	% Inc. (23/22)
Jan 07	73,106	Jan 08	82,453	-11.3	Jan 07	4,133,554	2.4
Jan 14	77,445	Jan 15	80,764	-4.1	Jan 14	4,130,235	2.3
Jan 21	76,887	Jan 22	85,137	-9.7	Jan 21	4,121,985	1.9
Jan 28	79,377	Jan 29	85,093	-6.7	Jan 28	4,116,269	1.6
<b>Jan 28</b>	<b>306,815</b>	<b>Jan 29</b>	<b>333,448</b>	<b>-8.0</b>	<b>YEAR TO DATE, FIRST 4 WEEKS</b>		

**WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.\***  
**SEASONALLY ADJUSTED 1982 = 100**

Week Ended	2023	Week Ended	2022	Week Ended	2021
Jan 07	170	Jan 08	179	Jan 09	165
Jan 14	178	Jan 15	176	Jan 16	169
Jan 21	176	Jan 22	188	Jan 23	166
Jan 28	183	Jan 29	205	Jan 30	174

\* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

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**EEI WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION  
(48 CONTIGUOUS STATES)**

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	28-Jan 2023 GWh Output	29-Jan 2022 GWh Output	% Increase Over Corresponding Week	28-Jan 2023 GWh Output	29-Jan 2022 GWh Output	% Increase Over Corresponding Week	28-Jan 2023 GWh Output	29-Jan 2022 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	2,320	2,570	-9.7%	<b>9,146</b>	<b>10,120</b>	<b>-9.6%</b>	114,806	116,444	-1.4%
<b>Mid-Atlantic</b>	8,149	9,215	-11.6%	<b>31,549</b>	<b>35,903</b>	<b>-12.1%</b>	415,111	420,422	-1.3%
<b>Central Industrial</b>	13,149	14,547	-9.6%	<b>50,695</b>	<b>56,310</b>	<b>-10.0%</b>	652,007	653,820	-0.3%
<b>West Central</b>	6,691	7,059	-5.2%	<b>26,051</b>	<b>27,684</b>	<b>-5.9%</b>	340,203	337,670	0.8%
<b>Southeast</b>	19,400	22,377	-13.3%	<b>75,971</b>	<b>86,670</b>	<b>-12.3%</b>	1,025,856	1,017,519	0.8%
<b>South Central</b>	15,183	14,988	1.3%	<b>56,527</b>	<b>59,730</b>	<b>-5.4%</b>	837,333	782,199	7.0%
<b>Rocky Mountain</b>	6,075	5,848	3.9%	<b>23,075</b>	<b>23,055</b>	<b>0.1%</b>	296,161	293,589	0.9%
<b>Pacific Northwest</b>	3,552	3,711	-4.3%	<b>14,036</b>	<b>14,745</b>	<b>-4.8%</b>	160,654	159,821	0.5%
<b>Pacific Southwest</b>	4,858	4,778	1.7%	<b>19,765</b>	<b>19,230</b>	<b>2.8%</b>	274,137	268,907	1.9%
<b>Total United States <sup>1/</sup></b>	<b>79,377</b>	<b>85,093</b>	<b>-6.7%</b>	<b>306,815</b>	<b>333,447</b>	<b>-8.0%</b>	<b>4,116,268</b>	<b>4,050,391</b>	<b>1.6%</b>
<b>Coal Regions Only <sup>2/</sup></b>	68,647	74,034	-7.3%	<b>263,868</b>	<b>289,352</b>	<b>-8.8%</b>	3,566,671	3,505,219	1.8%

**Notes: EEI output data are an estimate of electricity load made available for distribution derived as weekly net generation + purchases from non-utilities + net imports - exports - sales for resale. It is not meant to be a measure of electricity generation for the U.S. EEI survey data represent the majority of national distribution (large utilities, large government power projects, some independent and large municipal power projects). The remaining segment of the industry (smaller producers) is estimated. Non-utility generation is captured via direct sales to utilities. Note: the year 2022 has an extra Saturday.**

<sup>1/</sup> Excludes Alaska and Hawaii

<sup>2/</sup> Excludes New England and Pacific regions

SOURCE: Edison Electric Institute (EEI), *Weekly Electric Output Report*.

AMERICAN IRON AND STEEL INSTITUTE  
 25 Massachusetts Avenue, NW, Suite 800  
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January 30, 2023

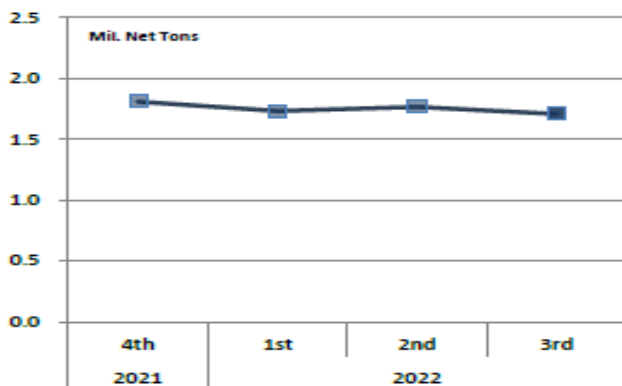
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capacity Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Jan 28</u>	<u>Week Ending Jan 21</u>	
<b><u>Week Ending</u></b>				North East	130	127
				Great Lakes	544	542
January 28, 2023	1,635	0.9	73.1	Midwest	201	202
January 28, 2022	1,735	-5.8	79.8	Southern	690	681
January 21, 2023	1,620	1.1	72.5	Western	70	68
				<b>Total</b>	<b>1,635</b>	<b>1,620</b>
<b><u>Year-to-Date +</u></b>						
January 28, 2023	6,452	-7.0	72.1			
January 28, 2022	6,941	-	79.8			

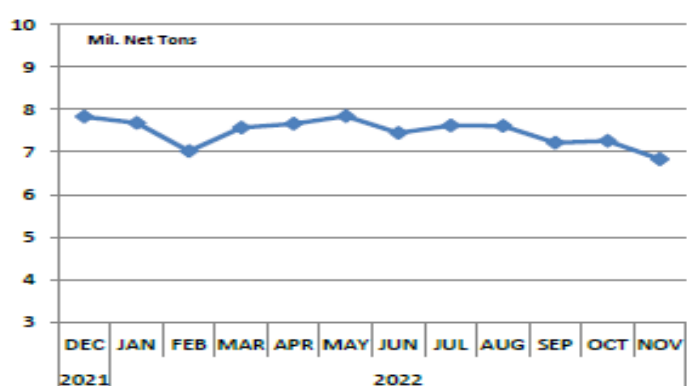
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides a more accurate summary of steel production based on data supplied by companies representing approximately 75% of U.S. production capacity plus includes revisions for previous months.

NOTE: Rate of capability utilization for September 2022 was approximately 76.4%, 7.19 million net tons.

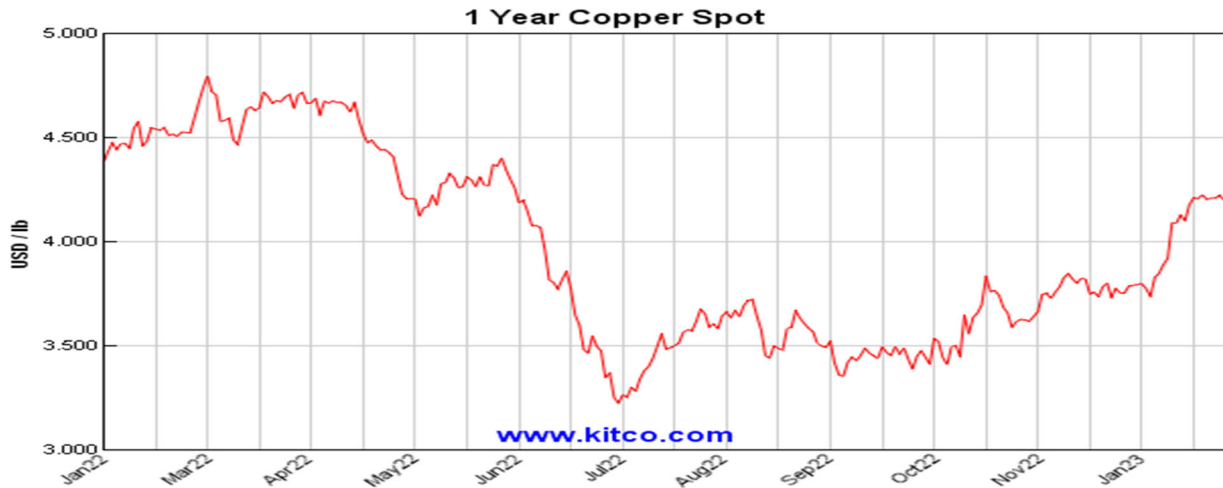
**Average Weekly Raw Steel Production**



**Monthly Raw Steel Production**



\*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. \*\* Based on tonnage capability to produce raw steel for a sustained full order book.



Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

**U.S. Rail Traffic<sup>1</sup>**  
**Week 4, 2023 – Ended January 28, 2023**

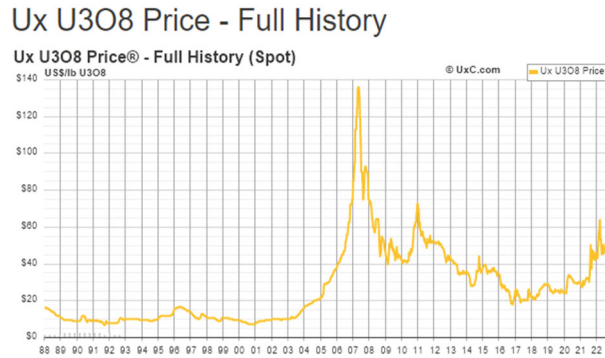
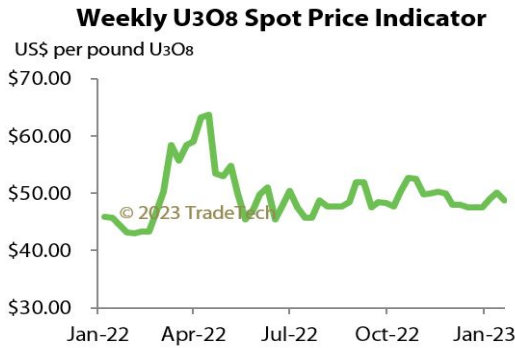
	This Week		Year-To-Date		
	Cars	vs 2022	Cumulative	Avg/wk <sup>2</sup>	vs 2022
<b>Total Carloads</b>	<b>236,018</b>	<b>-0.1%</b>	<b>923,696</b>	<b>230,924</b>	<b>2.2%</b>
Chemicals	31,569	-10.0%	121,756	30,439	-11.4%
Coal	68,374	-0.8%	270,383	67,596	4.6%
Farm Products excl. Grain, and Food	17,171	1.8%	66,662	16,666	3.4%
Forest Products	9,465	-6.3%	36,348	9,087	-8.3%
Grain	24,811	-0.5%	96,923	24,231	2.5%
Metallic Ores and Metals	20,947	-0.6%	84,041	21,010	1.4%
Motor Vehicles and Parts	13,742	6.5%	53,222	13,306	13.4%
Nonmetallic Minerals	29,774	7.5%	117,808	29,452	11.1%
Petroleum and Petroleum Products	10,952	13.8%	42,570	10,643	12.3%
Other	9,213	1.3%	33,983	8,496	-4.8%
<b>Total Intermodal Units</b>	<b>237,632</b>	<b>-7.4%</b>	<b>919,928</b>	<b>229,982</b>	<b>-8.1%</b>
<b>Total Traffic</b>	<b>473,650</b>	<b>-3.9%</b>	<b>1,843,624</b>	<b>460,906</b>	<b>-3.2%</b>

<sup>1</sup> Excludes U.S. operations of Canadian Pacific, CN and GMXT.

<sup>2</sup> Average per week figures may not sum to totals as a result of independent rounding.

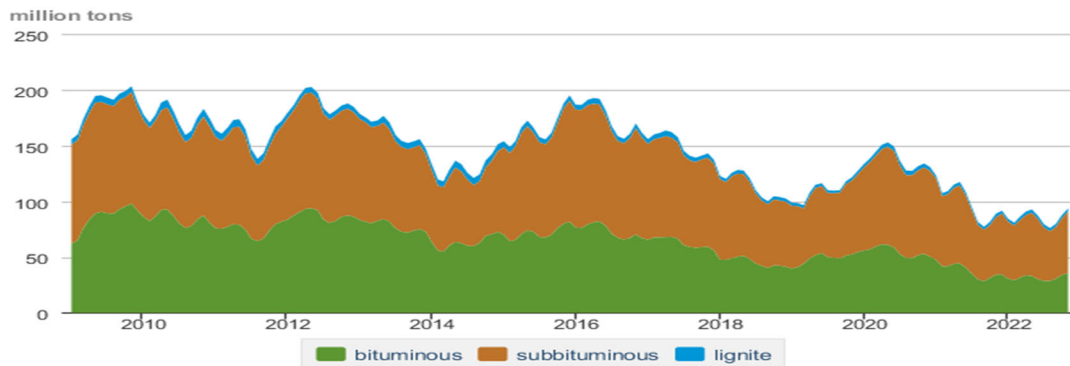
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### Trade Tech's and UX's Uranium Price Indicators



Sources: Trade Tech, Uranium Info Website – [www.uranium.info](http://www.uranium.info) ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

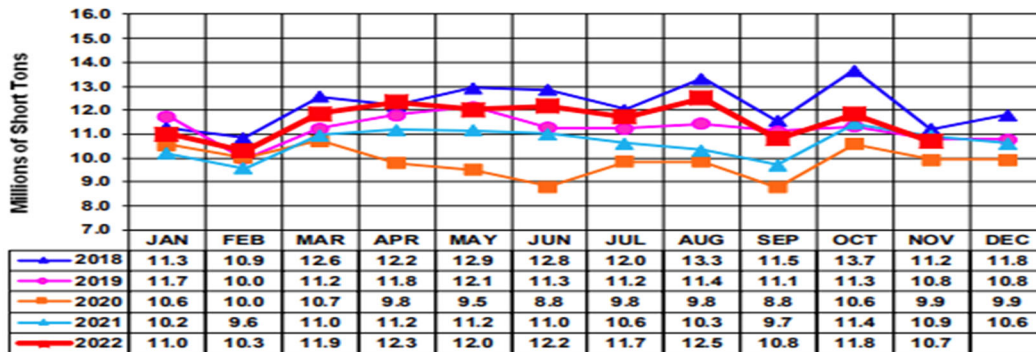
### Coal stocks by type, January 2009 - November 2022



eia Data source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

### Coal and Coke Monthly Indicator for Internal U.S. Waterways



For the Internal U.S. Waterway Monthly Indicators, estimates for the most recent month are based on lock performance management data. The estimates will be superseded by actual data as it becomes available.

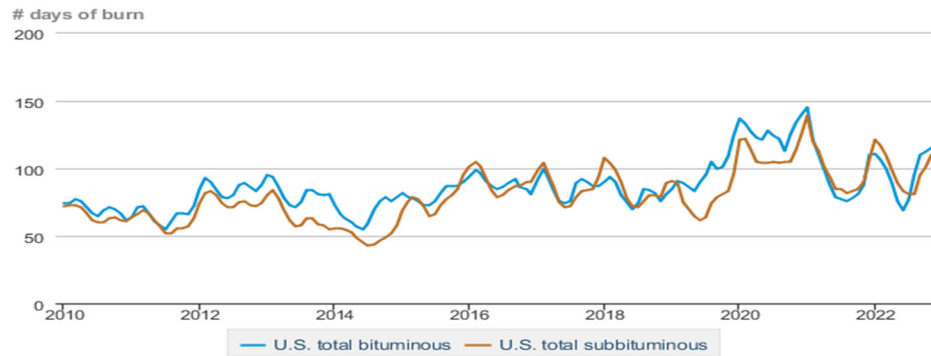
Source: Waterborne Commerce Statistics Center

**Average weekly coal commodity spot prices**  
dollars per short ton

	Week ending					Week ago
	12/30/22	01/06/23	01/13/23	01/20/23	01/27/23	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$205.55	\$138.00	\$138.00	\$142.25	\$142.25	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$209.70	\$115.00	\$115.00	\$117.75	\$117.75	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$168.25	\$116.00	\$116.00	\$140.00	\$140.00	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$15.55	\$15.50	\$15.50	\$15.45	\$15.45	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$41.20	\$37.85	\$37.85	\$37.70	\$37.70	\$0.00

Source: Energy Information Administration (with permission from S&P Global), *Coal Market Report*

**Days of burn by non-lignite coal rank, January 2010 - November 2022**



**eia** Data source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update Report*

**Temperature – heating & cooling degree days (week ending Jan 19)**

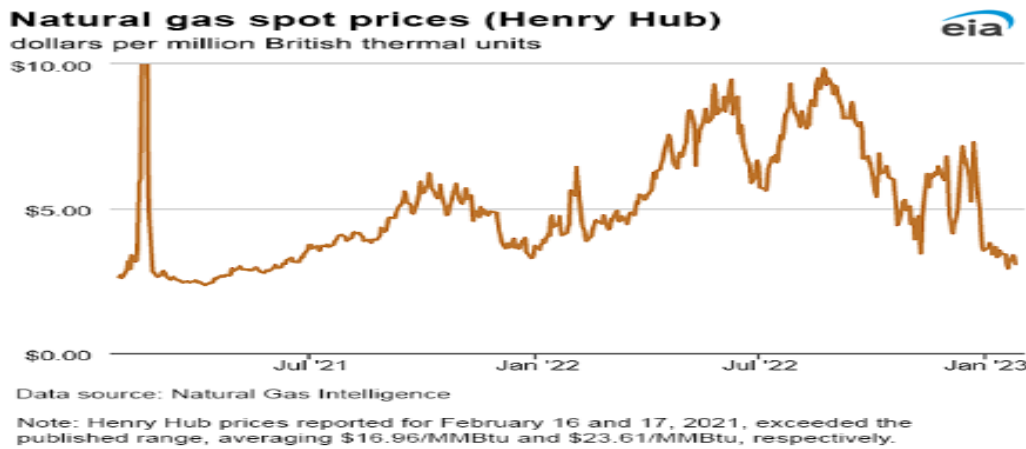
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	206	-68	-74	0	0	0
Middle Atlantic	207	-56	-58	0	0	0
E N Central	214	-83	-56	0	0	0
W N Central	235	-82	-35	0	0	0
South Atlantic	145	-38	-43	2	-6	1
E S Central	135	-54	-44	0	-2	0
W S Central	85	-56	-21	6	2	5
Mountain	217	-17	20	0	0	0
Pacific	135	14	42	0	-1	0
United States	178	-48	-27	1	-1	1

Data source: National Oceanic and Atmospheric Administration  
Note: HDDs=heating degree days; CDDs=cooling degree days

Source: Energy Information Administration, *Natural Gas Weekly Update*.

U.S. Production of Selected Mineral Commodities	2022 Year to Date - 3rd Quarter	2021 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	649.0	628.0	3%
Cement (Mil. Mt.)	69.1	67.7	2%
Copper (000 Mt.)	931.0	911.0	2%
Gold (Mt.)	126.0	135.0	-7%
Gypsum (Mil. Mt.)	13.8	14.2	-3%
Iron Ore (Mil. Mt.)	34.2	38.3	-11%
Lead (000 Mt.)	205.0	218.0	-6%
Molybdenum (000 Mt.)	28.0	32.0	-13%
Palladium (Mt.)	7.6	10.7	-29%
Phosphate rock (Mil. Mt.)	15.8	16.7	-5%
Platinum (Mt.)	2.3	3.1	-26%
Sand & gravel, construction (Mil. Mt.)	724.0	707.0	2%
Silver (Mt.)	765.0	777.0	-2%
Soda ash (Mil. Mt.)	8.2	8.4	-2%
Stone, crushed (Mil. Mt.)	1,140.0	1,110.0	3%
Zinc (000 Mt.)	585.0	523.0	12%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2022 data are preliminary estimates. W - withheld, N/A - not available



Source: Energy Information Administration, *Natural Gas Weekly*.

**Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)**

Zone	Coal	November 2022		November 2021		% Change of Stocks	October 2022		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,579	365	2,525	365	2.1%	2,200	365	17.3%
	Subbituminous								
South	Bituminous	16,264	122	13,113	90	24.0%	14,816	114	9.8%
	Subbituminous	3,708	65	3,565	59	4.0%	3,611	65	2.7%
Midwest	Bituminous	8,395	84	6,874	64	22.1%	8,322	90	0.9%
	Subbituminous	23,752	140	19,815	105	19.9%	20,656	116	15.0%
West	Bituminous	2,385	157	1,993	101	19.6%	2,681	155	-11.0%
	Subbituminous	19,245	106	17,034	86	13.0%	16,759	97	14.8%
U.S. Total	Bituminous	29,624	115	24,506	88	20.9%	28,018	112	5.7%
	Subbituminous	46,705	110	40,414	90	15.6%	41,026	101	13.8%

Source: Energy Information Administration, *Electricity Monthly Update*

## Mining-Related Commodity Prices

Commodity Price - Snapshot		
Metals Prices	Date	Price
Cobalt Spot Price (\$/lb)	1/30/2023	\$22.22
Copper Spot Price (\$/lb)	1/31/2023	\$4.21
Gold Spot Price (\$/ounce)	1/31/2023	\$1,905.20
Lithium Spot Price (\$/kg)	1/31/2023	\$70.67
Molybdenum Spot Price (\$/kg)	1/30/2023	\$73.50
Nickel Spot Price (\$/lb)	1/30/2023	\$13.16
Silver Spot Price (\$/ounce)	1/31/2023	\$22.99
Steel HRC Price (\$/mt)	1/31/2023	\$791.88
Steel Rebar Price (\$/mt)	1/31/2023	\$610.97
Zinc Spot Price (\$/lb)	1/31/2023	\$1.54
Energy Prices	Date	Price
Coal Price - Australian Premium Coking Coal Futures (\$/mt)	1/31/2023	\$310.75
Coal Spot Price - Central Appalachian (\$/st)	1/27/2023	\$142.25
Coal Spot Price - Newcastle futures (\$/mt)	1/31/2023	\$263.01
Coal Spot Price - Rotterdam futures (\$/mt)	1/31/2023	\$132.00
Natural Gas Spot Price - Henry Hub (\$/mmbtu)	1/25/2023	\$3.08
Uranium Spot Price (\$/lb)	1/30/2023	\$50.80

Sources: publically available data from eia.gov, dailymetalprice.com, tradingeconomics.com, sgxgroup.com, investing.com

## EIA Working Natural Gas Underground Storage

### Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2023-01-13	2023-01-06	change
East	662	700	-38
Midwest	785	823	-38
Mountain	147	153	-6
Pacific	157	160	-3
South Central	1,069	1,067	2
Total	2,820	2,902	-82

Data source: U.S. Energy Information Administration Form EIA-912, [Weekly Underground Natural Gas Storage Report](#)

Source: Energy Information Administration, *Natural Gas Weekly Update*

## EIA Oil and Natural Gas Rig Productivity

Region	NEW-WELL PRODUCTION PER RIG BY REGION			PRODUCTION BY REGION			DUC WELLS BY REGION		
	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day					
	January 2023	February 2023	change	January 2023	February 2023	change			
Anadarko	689	690	1	3,857	3,892	35			
Appalachia	191	191	-	25,436	25,004	(432)			
Bakken	1,707	1,716	9	2,555	2,573	18			
Eagle Ford	1,481	1,465	(16)	5,952	5,875	(77)			
Haynesville	19	19	-	10,739	10,728	(11)			
Niobrara	1,381	1,375	(6)	3,453	3,408	(45)			
Permian	1,061	1,060	(1)	2,086	2,065	(21)			
Rig-weighted average	952	948	(4)	5,434	5,378	(56)			

Source: Energy Information Administration, *Drilling Productivity Report*

### USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

Cobalt - September 2022	Sep-22	Year to Date
U.S. Imports for Consumption - Metals (mt)	578	5,380
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	349	3,780
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	175
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	25.9	23.25

Source: USGS, Mineral Industry Survey, Cobalt in September 2022, December 2022

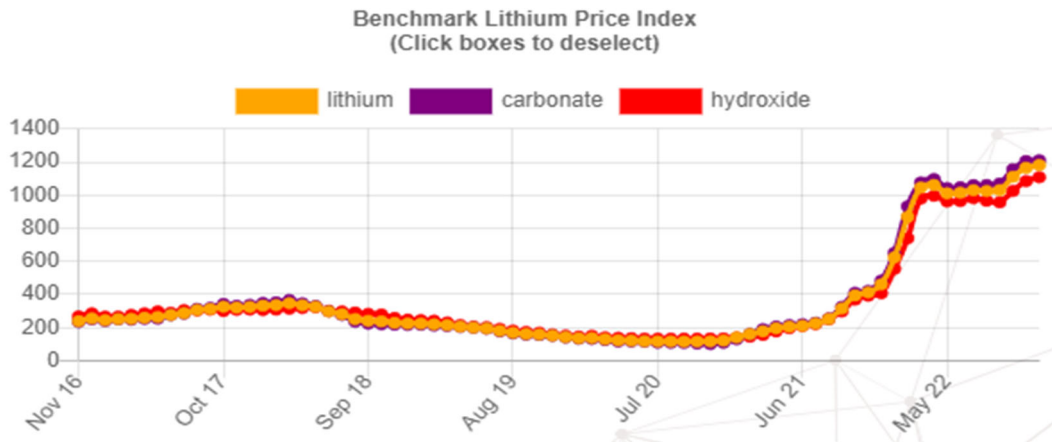
### Cobalt and Lithium Prices

#### Cobalt Prices (US\$/pound):



Source: Dailymetalprice.com - <https://www.dailymetalprice.com/metalpricecharts.php?c=co&u=lb&d=0>

#### Lithium Price Index:



Source: Benchmark Mineral Intelligence - <https://www.benchmarkminerals.com/lithium-prices/>